Index of Claims

| Appli | cation | /Cont | rol No | ٥. |
|-------|--------|-------|--------|----|

10/668,009

Examiner

Hong C. Kim

Applicant(s)/Patent under Reexamination

CHOI, JOO S.

Art Unit

2185

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |  |          |         | :::6     |                |          |            |          |      |       |          |          |          | ٠         |          |          |                 |           |       |          |            |                 |           |          |          |          |          |           |
|----------|----------|--|----------|---------|----------|----------------|----------|------------|----------|------|-------|----------|----------|----------|-----------|----------|----------|-----------------|-----------|-------|----------|------------|-----------------|-----------|----------|----------|----------|----------|-----------|
| Cla      | aim      | Date   |          |         |          |                |          | Claim Date |          |      |       |          |          |          |           |          | _        | CI              | aim       | Date  |          |            |                 |           |          |          |          |          |           |
| Final    | Original | 4/6/66   |          |         |          |                |          |            |          |      | Final | Original |          |          |           |          |          |                 |           |       | Final    | Original   |                 |           |          |          |          |          |           |
|          | 1        | V  |          |         |          | П              |          |            |          |      |       | 51       |          | 1        | 1         | T        |          |                 | 1         | 1     |          | 101        | T               |           | $\neg$   |          |          | $\top$   | 十         |
|          | 2        | V  |          |         |          |                |          | 1          | 7        |      |       | 52       |          |          | 1         | 1        | T        |                 | $\top$    | 1     |          | 102        |                 |           |          | ヿ        | 寸        | 十        | 十         |
|          | 3        | V  |          |         |          |                | T        | T          |          |      |       | 53       |          |          | T         |          | Ī.,      |                 |           | 7     |          | 103        |                 |           |          |          | T        | $\neg$   | 丁         |
|          | 4        | XX   |          |         |          |                |          |            |          |      |       | 54       |          |          | $\Box$    |          |          |                 |           |       |          | 104        |                 |           |          |          |          | $\Box$   | Т         |
|          | 5        | ٧  |          |         |          |                |          |            |          |      |       | 55       |          |          |           |          |          |                 |           | ];;;  |          | 105        |                 |           |          |          |          |          |           |
|          | 6        | $ \mathbf{v} $                                   |          |         |          |                |          |            |          |      |       | 56       |          |          |           |          |          |                 |           |       |          | 106        |                 |           |          |          |          |          |           |
|          | 7        | V  |          |         |          |                |          |            | _        |      |       | 57       |          |          | $\perp$   |          | _        | Ш               |           | _     | <u></u>  | 107        |                 |           |          |          |          | $\perp$  |           |
|          | 8        | 0  |          |         |          |                | $\Box$   | _          | _ :      |      |       | 58       |          |          | $\perp$   | 4        | _        |                 | _         | _     | L        | 108        |                 |           |          |          |          |          | _         |
|          | 9        | 0  |          | $\perp$ |          |                |          |            | _        |      |       | 59       |          |          | _         | <u> </u> | ╄        | Щ               |           | _     | <u></u>  | 109        |                 |           |          |          | _        | _        | _         |
|          | 10       | V  | _        |         | -        | Ш              |          | _          | _        |      |       | 60       |          |          | 4         | _        | ↓_       | Ш               | _         | 4     |          | 110        |                 |           | _        | _        | _        | _        | _         |
| <u> </u> | 11       | V  | $\perp$  | +       | $\vdash$ | Н              |          | $\dashv$   |          |      |       | 61       |          | $\dashv$ | +         | -        | -        |                 |           | 4     |          | 111        | $\vdash \vdash$ | $\sqcup$  | $\dashv$ | -        | -        | $\dashv$ | +         |
| <u> </u> | 12       | <u></u>  | +        | +       | $\vdash$ | $\vdash$       |          | $\dashv$   | - -      |      |       | 62       | $\dashv$ | +        | +         | +        | ┼-       |                 |           | 4     | <u> </u> | 112        | $\vdash \vdash$ |           | -        | $\dashv$ | $\dashv$ | +        | +         |
| -        | 13       | V V  | -        | +       | +-       | $\vdash\vdash$ |          | $\dashv$   | -        |      |       | 63<br>64 | $\dashv$ | +        | +         | +        | +        | $\vdash$        | +         | 4:::: | -        | 113        |                 |           |          |          | $\dashv$ | +        | +         |
| -        | 14<br>15 |  |          | +       | -        | $\vdash$       | $\vdash$ | $\dashv$   | $\dashv$ |      | -     | 65       | $\dashv$ | +        | +         | +        | ╁        | $\vdash$        | +         | -     | <u> </u> | 114<br>115 | $\vdash$        |           | $\dashv$ | $\dashv$ | $\dashv$ | +        | +         |
|          | 16       | 0<br>V   | +        | +       | $\vdash$ | H              | $\dashv$ | $\dashv$   | $\dashv$ | ŀ    |       | 66       |          | +        | +         | +        | +        | $\vdash$        | +         | -     | -        | 116        | $\dashv$        |           |          | $\dashv$ | $\dashv$ | $\dashv$ | +         |
|          | 17       | V  |          | +       | $\vdash$ | H              |          | $\dashv$   | ⊢:       | ŀ    |       | 67       |          | +        | +         | +        | +        | H               | +         | -     | -        | 117        |                 | Н         |          | _        | -        | +        | +         |
|          | 18       | V  | $\dashv$ | +       | $\vdash$ | Н              |          | $\dashv$   | ⊣։       | ŀ    |       | 68       |          | $\dashv$ | +         | +        | +        | Н               | $\dashv$  | 1     |          | 118        | H               | Н         | $\dashv$ | _        | _        | $\dashv$ | +         |
|          | 19       | V  | $\dashv$ | $\top$  | T        | Н              |          | 十          | -        |      |       | 69       |          | $\neg$   | $\dagger$ | $\top$   | $\top$   | H               | $\neg$    | 1     |          | 119        | П               |           |          |          | 7        | $\dashv$ | $\dagger$ |
|          | 20       | V  |          | $\top$  | +        |                |          |            |          | ı    |       | 70       |          |          | 十         | +        | $\top$   |                 |           | 7     |          | 120        |                 |           |          |          |          | $\dashv$ | 十         |
|          | 21       | V  |          | 1       |          |                |          |            |          |      |       | 71       |          |          |           | 1        |          | П               |           | 7:::  |          | 121        |                 |           |          | $\neg$   |          | $\neg$   | $\top$    |
|          | 22       | V  |          |         |          |                |          |            |          |      |       | 72       |          |          |           |          |          |                 |           |       |          | 122        |                 |           |          |          |          |          |           |
|          | 23       | V  |          |         |          |                |          |            |          |      |       | 73       |          |          |           |          |          |                 |           |       |          | 123        |                 |           |          |          |          |          |           |
|          | 24       | い  |          |         |          | Ш              |          |            | _        |      |       | 74       |          |          | $\perp$   |          |          |                 |           | _     |          | 124        | Ш               | Ш         |          |          |          |          |           |
|          | 25       | V  |          |         | $\perp$  |                |          | $\dashv$   |          |      |       | 75       |          |          |           | _        | _        |                 | _  _      | _     |          | 125        | Ш               |           |          | _        |          |          |           |
| <u> </u> | 26       | $ \mathbf{V} $                                   | _        |         | ļ        |                |          | _          | _        |      |       | 76       | _        |          |           | _        | _        |                 |           | 4     | <u> </u> | 126        | Ш               | Щ         |          |          |          | -        | 4         |
|          | 27       | 0  | +        | -       | -        | _              |          | -          | 4        |      |       | 77       |          | _        | +         | +        | -        | $\sqcup$        |           | -     |          | 127        | $\vdash$        |           | -        | -        |          | -        | +         |
|          | 28       | V  | -        |         | +        | -              |          | $\dashv$   | -        |      |       | 78       |          | -        | +         | +        | -        |                 | $-\vdash$ | -     |          | 128        |                 |           |          |          |          | $\dashv$ | +         |
|          | 29<br>30 | Y  | -        | +-      | +-       | $\vdash$       |          |            | $\dashv$ |      |       | 79<br>80 | $\vdash$ | +        | +         | +        | +        | Н               | +         | -     | -        | 129<br>130 | Н               | $\dashv$  |          |          | $\dashv$ | +        | +         |
| -        | 31       | $\vdash$   | $\dashv$ | +       | +-       | $\vdash$       | $\vdash$ | -+         | $\dashv$ |      |       | 81       | $\vdash$ | +        | +         | +        | ╁        | $\vdash$        | -         | ┨Ш    |          | 131        |                 |           | $\dashv$ | $\dashv$ | ┪        | +        | +         |
|          | 32       | $\vdash$   | _        | +       | $\vdash$ | $\vdash$       |          | $\dashv$   | $\dashv$ |      |       | 82       | Н        | +        | +         | ╁        | +        | H               | -         | -     |          | 132        | Н               | $\vdash$  | $\dashv$ | $\dashv$ |          | $\dashv$ | +         |
|          | 33       | 1-1  | _        | $\top$  |          | Н              |          | 十          | $\dashv$ |      |       | 83       |          | $\top$   | $\top$    | $\top$   | 1        | H               | $\top$    | 1     |          | 133        | П               | _         |          | $\dashv$ | $\neg$   | $\dashv$ | +         |
|          | 34       | $\Box$   | $\neg$   | $\top$  | 1        | П              |          |            | 7        |      |       | 84       |          |          | 1         | Ť        | T        |                 | T         | 7!!!  |          | 134        | П               |           |          | $\neg$   | 一        |          | 十         |
|          | 35       |  |          | 1       | Т        |                |          |            |          |      |       | 85       |          |          | T         | T        | T        |                 |           | 7     |          | 135        |                 |           |          |          | T        |          | $\top$    |
|          | 36       |  |          |         |          |                |          |            |          |      |       | 86       |          |          |           | $\top$   |          |                 |           | ]!!!  |          | 136        |                 |           |          |          |          |          | $\top$    |
|          | 37       |  |          |         |          |                |          |            |          |      |       | 87       |          |          |           |          |          |                 |           |       |          | 137        |                 |           |          |          |          |          | $\top$    |
| _        | 38       |  |          |         |          |                |          |            | _        |      |       | 88       |          |          |           |          |          |                 |           | _     |          | 138        |                 |           |          |          | $\Box$   |          |           |
|          | 39       | $\sqcup$   | _        |         | Ш        | Ш              |          |            | _        |      |       | 89       |          | _ _      | _         | $\perp$  | <u> </u> |                 | _ _       | 4     | <u> </u> | 139        | Ш               | Ш         |          | _        |          |          | $\perp$   |
|          | 40       | $\sqcup$   | $\perp$  | $\bot$  | $\vdash$ | Ш              |          | $\dashv$   | $\dashv$ |      |       | 90       | Щ        | _        | _         | $\perp$  | +        | $\sqcup$        |           | 4     |          | 140        |                 | $\square$ |          |          |          | $\dashv$ | +         |
| ļ        | 41       | $\vdash \vdash$                                  | -        | +       | $\vdash$ | $\vdash$       | $\sqcup$ |            | _        |      |       | 91       | Ш        | +        | +         | +        | $\vdash$ | $\vdash \vdash$ | _         | 4     |          | 141        | Ш               | Н         | $\vdash$ | $\dashv$ |          | $\dashv$ | +         |
|          | 42       | $\vdash \vdash$                                  | +        | +       | +-       | Н              |          | $\dashv$   | $\dashv$ |      |       | 92       | Н        | $\dashv$ | -         | +        | +        |                 |           | -     | -        | 142        |                 | $\vdash$  |          |          | -        | $\dashv$ | +         |
|          | 43<br>44 | <del>                                     </del> | +        | +       | $\vdash$ | $\vdash$       |          | $\dashv$   | $\dashv$ |      |       | 93<br>94 | $\vdash$ | +        | +         | +        | +-       |                 |           | -     | <b>—</b> | 143<br>144 | $\vdash$        | Н         |          |          | $\dashv$ | $\dashv$ | +         |
|          | 45       | $\vdash$   | +        | ┰       | $\vdash$ | Н              | $\dashv$ | $\dashv$   | $\dashv$ |      |       | 95       | $\vdash$ | +        | +         | +        | +        | $\vdash \vdash$ | $\dashv$  | ┧Ш    | $\vdash$ | 145        | Н               | $\vdash$  | $\vdash$ | $\dashv$ | $\dashv$ | +        | +         |
|          | 46       | H  | +        | +       | $\vdash$ | $\vdash$       | -        | $\dashv$   | -        |      |       | 96       | $\vdash$ | $\dashv$ | ╅         | 十        | +        | $\vdash$        | $\dashv$  | ۱     | l        | 146        |                 | Н         | $\vdash$ |          | ┪        | $\dashv$ | +         |
|          | 47       | H  | $\dashv$ | $\top$  |          | H              | $\vdash$ | +          | 1        |      |       | 97       | ш        | +        | $\dashv$  | +        | +        | $\vdash$        |           |       |          | 147        | $\vdash$        | М         | $\vdash$ | $\neg$   | +        | 十        | 十         |
|          | 48       | $\sqcap$   | $\dashv$ | $\top$  | $\vdash$ | П              | $\neg$   | 十          | $\dashv$ | ii l |       | 98       | $\Box$   | $\top$   | $\top$    | $\top$   | 1        | $\vdash$        | _         | 1     |          | 148        |                 |           |          |          | 一        | 十        | 十         |
|          | 49       | П  | $\top$   | $\top$  |          | П              |          | $\dashv$   | _        |      |       | 99       |          | $\dashv$ | $\top$    | $\top$   | T        | П               |           | 7     |          | 149        |                 |           |          |          | $\neg$   | 寸        | 十         |
|          | 50       |  |          |         |          |                |          |            |          |      |       | 100      |          |          |           | I        |          |                 |           | ]!!!  |          | 150        |                 |           |          |          |          | $\Box$   | $\Box$    |
|          |          |  |          |         |          |                |          |            |          |      |       |          |          |          |           |          |          |                 |           | _     |          |            |                 |           |          |          |          |          |           |